Date: August 10 Block:	
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## Intro to Unit Conversions Homework – Due Monday, August 13<sup>th</sup>

For each of the following, convert to the new unit. Show all work using correct dimensional analysis to get full credit. 1.  $18000 \text{ seconds} = \underbrace{3000}_{0} \text{ minutes}$  2.  $43 \text{ hours} = \underbrace{25800}_{0} \text{ minutes}$ 3.  $16000 \text{ ounces} = \underbrace{10000}_{0} \text{ pounds}$  4.  $4.1 \text{ tons} = \underbrace{82000}_{0} \text{ pounds}$ 5.  $850 \text{ yd} = \underbrace{25500}_{0} \text{ feet}$  6.  $1250 \text{ yd} = \underbrace{7102}_{0} \text{ miles}$ 7.  $1.25 \text{ years} \underbrace{57000}_{0} \text{ minutes}$  8.  $566,000 \text{ seconds} = \underbrace{6.6000}_{0} \text{ days}$ 

Use these set-ups to get started, then draw your own.

60min 657,000 365 days 5. 566,000 sec Imin Iday 6.6d 60m/n 6 1250 yd 7102 miles mile

Name: \_